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## The optical surface of the MAGIC-II Telescope

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### Abstract content

The MAGIC Collaboration is building a clone, MAGIC II, of the current MAGIC Telescope. MAGIC II will be built at 85 m of distance from MAGIC I, and will also feature a huge reflecting surface of ~240 m<sup>2</sup> of area. Unlike the former telescope, the mirrors for the new one are lighter and larger, being square of 1 m of side and weighting 10÷12 kg. For the development and production of the new mirrors, two different techniques, both reliable and affordable in price, were tested. We present a description of these two techniques and the performance of the resulting mirrors.

### If this papers is presented for a collaboration, please specify the collaboration

MAGIC

### Summary

### Reference

Proceedings of the 30th International Cosmic Ray Conference; Rogelio Caballero, Juan Carlos D'Olivo, Gustavo Medina-Tanco, Lukas Nellen, Federico A. Sánchez, José F. Valdés-Galicia (eds.); Universidad Nacional Autónoma de México, Mexico City, Mexico, 2008; Vol. 3 (OG part 2), pages 1547-1550

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